## SIEMENS

## Data sheet

## 3RT2027-1AF00



Contactor, AC-3, 15 kW / 400 V, 1 NO + 1 NC, 110 V AC, 50 Hz, 3-pole, Size S0 screw terminal

product brand name	SIRIUS		
product designation	Power contactor		
product type designation	3RT2		
General technical data			
size of contactor	SO		
product extension			
<ul> <li>function module for communication</li> </ul>	No		
<ul> <li>auxiliary switch</li> </ul>	Yes		
power loss [W] for rated value of the current			
<ul> <li>at AC in hot operating state</li> </ul>	6.3 W		
<ul> <li>at AC in hot operating state per pole</li> </ul>	2.3 W		
<ul> <li>without load current share typical</li> </ul>	9.8 W		
insulation voltage			
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V		
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	690 V		
surge voltage resistance			
<ul> <li>of main circuit rated value</li> </ul>	6 kV		
<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV		
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	400 V		
shock resistance at rectangular impulse			
• at AC	8,3g / 5 ms, 5,3g / 10 ms		
shock resistance with sine pulse			
• at AC	13,5g / 5 ms, 8,3g / 10 ms		
mechanical service life (switching cycles)			
<ul> <li>of contactor typical</li> </ul>	10 000 000		
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000		
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000		
reference code according to IEC 81346-2	Q		
Substance Prohibitance (Date)	10/01/2009		
Ambient conditions			
installation altitude at height above sea level maximum	2 000 m		
ambient temperature			
during operation	-25 +60 °C		
during storage	-55 +80 °C		
relative humidity minimum	10 %		
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %		

Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated value</li> </ul>	50 A
● at AC-1	
<ul> <li>— up to 690 V at ambient temperature 40 °C rated value</li> </ul>	50 A
— up to 690 V at ambient temperature 60 °C rated value	42 A
• at AC-3	
— at 400 V rated value	32 A
— at 500 V rated value	32 A
— at 690 V rated value	21 A
• at AC-3e	
— at 400 V rated value	32 A
— at 500 V rated value	32 A
— at 690 V rated value	21 A
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	22 A
<ul> <li>at AC-5a up to 690 V rated value</li> </ul>	44 A
<ul> <li>at AC-5b up to 400 V rated value</li> </ul>	26.5 A
• at AC-6a	
<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	30.8 A
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>	30.8 A
— up to 500 V for current peak value n=20 rated value	27 A
<ul> <li>up to 690 V for current peak value n=20 rated value</li> <li>at AC-6a</li> </ul>	21 A
<ul> <li>at AC-ba</li> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	20.5 A
<ul> <li>— up to 400 V for current peak value n=30 rated value</li> </ul>	20.5 A
<ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>	18 A
— up to 690 V for current peak value n=30 rated value	18 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm <sup>2</sup>
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	12 A
• at 690 V rated value	12 A
operational current	
<ul> <li>at 1 current path at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	5 A
— at 440 V rated value	1A
— at 600 V rated value	0.8 A
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	

— at 24 V rated value	35 A				
— at 110 V rated value	35 A				
— at 220 V rated value	35 A				
— at 440 V rated value	2.9 A				
— at 600 V rated value	1.4 A				
• at 1 current path at DC-3 at DC-5					
— at 24 V rated value	20 A				
— at 110 V rated value	2.5 A				
— at 220 V rated value	1 A				
— at 440 V rated value	0.09 A				
— at 600 V rated value	0.06 A				
• with 2 current paths in series at DC-3 at DC-5					
— at 24 V rated value	35 A				
— at 110 V rated value	15 A				
— at 220 V rated value	3 A				
— at 440 V rated value	0.27 A				
— at 600 V rated value	0.16 A				
• with 3 current paths in series at DC-3 at DC-5					
— at 24 V rated value	35 A				
— at 110 V rated value	35 A				
— at 220 V rated value	10 A				
— at 440 V rated value	0.6 A				
— at 600 V rated value	0.6 A				
operating power					
• at AC-3	7.5114				
— at 230 V rated value	7.5 kW				
— at 400 V rated value	15 kW				
— at 500 V rated value	15 kW				
— at 690 V rated value	18.5 kW				
• at AC-3e	7.5114				
— at 230 V rated value	7.5 kW				
— at 400 V rated value	15 kW				
— at 500 V rated value	15 kW				
— at 690 V rated value	18.5 kW				
operating power for approx. 200000 operating cycles at AC-4					
at 400 V rated value	6 kW				
<ul> <li>at 690 V rated value</li> </ul>	10.3 kW				
operating apparent power at AC-6a					
• up to 230 V for current peak value n=20 rated value	12.2 kVA				
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	21.3 kVA				
• up to 500 V for current peak value n=20 rated value	23.3 kVA				
• up to 690 V for current peak value n=20 rated value	25 kVA				
operating apparent power at AC-6a					
• up to 230 V for current peak value n=30 rated value	8.1 kVA				
• up to 400 V for current peak value n=30 rated value	14.2 kVA				
• up to 500 V for current peak value n=30 rated value	15.5 kVA				
• up to 690 V for current peak value n=30 rated value	21.5 kVA				
short-time withstand current in cold operating state up to 40 °C					
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	499 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	395 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	260 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	186 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	152 A; Use minimum cross-section acc. to AC-1 rated value				
no-load switching frequency					
• at AC	5 000 1/h				
operating frequency					
• at AC-1 maximum	1 000 1/h				
• at AC-2 maximum	750 1/h				
<ul> <li>at AC-3 maximum</li> </ul>	750 1/h				

• at AC-5 maximum     750 1/h       Control sepsity for the control supply voltage at AC     • at 60 Hz rated value       • at 60 Hz rated value     0 Hu       • at 60 Hz     0 Hu       • at 60 V rated value     1       • at 60 V rated value     1       • at 80 V rated value     1       • at 80 V rated value     1 <t< th=""></t<>
Control Event// Control         AC           Syste of valuage of the control supply voltage         AC           e at 50 Hz rated value         110 V           operating range factor control supply voltage rated value         110 V           operating range factor control supply voltage rated value         0.8 1.1           apparent pick-up power factor with closing power of the coll         0.8 1.1           at 50 Hz         0.8 1.1           inductive power factor with closing power of the coll         0.82           apparent holding power of magnet coll at AC         9.8 VA           inductive power factor with the holding power of the coll         0.82           is 150 Hz         0.8 40 ms           opening delay         4 16 ms           is 160 Hz         0.10 ms           control version of the switch operating mechanism         1           Availary decreating         10.10 ms           mumber of NC contacts for auxiliary contacts         1           instantaneous contect         10 A           operational current at AC-12 maximum         10 A           operational current at AC-12 maximum         10 A           operational current at AC-12 maximum         10 A           operational current at BC-13         1           at 320 V rated value
type of voltage of the control supply voltage         AC           control supply voltage at AC         110 V           operating range factor control supply voltage rated volte of magnet coll at AC         0.81.1           • at 50 Hz         0.81.1           • at 50 Hz         0.81.1           inductive power of magnet coll at AC         77 VA           inductive power factor with closing power of the coll         0.82           • at 50 Hz         0.82           apparent holding power of magnet coll at AC         9.8 VA           inductive power factor with the holding power of the coll         0.25           closing delay         0.42           • at 50 Hz         0.8 40 ms           operating data         0.4 16 ms           arcing time         10 10 ms           control version of the switch operating mechanism         10 10 ms           number of NC contexts for suxiliary contacts         1           instantareolose contact         10           operational current at AC-12 maximum         10.A           operatonal current at AC-12 maximum         10.A
control supply voltage at AC       110 V         • at 50 htz rated value       110 V         operating range factor control supply voltage rated       110 V         value of magnet coil at AC       0.8 1.1         eparemt pick-up power of magnet coil at AC       0.8 1.1         eat 50 htz       0.8 1.1         inductive power factor with closing power of the coil       0.82         apparent holding power of magnet coil at AC       9.8 VA         inductive power factor with the holding power of the coil       0.42         closing delay       0.45         • at 50 htz       0.25         closing delay       0.4 C         • at AC       8 40 ms         opening delay       10 10 ms         • at AC       4 16 ms         arcing time       10 10 ms         control version of the switch operating mechanism       Nautilay contacts         number of NC contacts for auxiliary contacts       1         instantaneous contact       10 A         operational current at AC-12 for auxiliary contacts       1         instantaneous contact       10 A         operational current at DC-12       10 A         • at 300 V rated value       3 A         • at 300 V rated value       3 A </td
• et 50 fbr reled "wike     110 V       operating range factor control supply voltage rated velte of mignet col at AC     0.8 1.1       • et 50 fbr     0.8 10       • et 50 fbr     0.8 10       • et 50 fbr     0.8 40 ms       • et 50 fbr     0.25       • et 60 fbr     0.25       • et 60 fbr     0.25       • et 60 fbr     0.1 0 ms       • et 70 fbr     0.1 0 ms       • et 70 fbr     0.1 0 ms       • et 70 fbr     10 10 ms       control version of the switch operating mechanism     1       Avxiliary clocute     1       number of NC controls for auxiliary contacts     1       instantaneous contact     1       operational current at AC-15     10 A       operational current at AC-15     10 A       operational current at AC-15     10 A       • at 20 V rated value     2A       • at 20 V rated value </td
operating range factor control supply voltage rated volte of magnet coil at AC         0.81.1           apparent pick-up power of magnet coil at AC         0.81.1           at 50 Hz         77 VA           inductive power factor with closing power of the coil at 50 Hz         0.82           apparent holding power of magnet coil at AC         0.82           apparent holding power of magnet coil at AC         0.82           at 50 Hz         0.25           closing delay         0.8 40 ms           opening delay         4 16 ms           at AC         8 40 ms           opening delay         4 16 ms           atring time         10 10 ms           control version of the switch operating mechanism         Standard A1 - A2           Awillary derute         1           instantenous contact         1           instantenous contact         1           instantenous contact         1           instantenous contact         1           operational current at AC-15         1           at 300 V rated value         3A           at 300 V rated value         3A           at 300 V rated value         6A           at 400 V rated value         6A           at 400 V rated value         6A
value of magnist coil at AC       0.81.1         apparent pick-up power of magnet coil at AC       0.81.1         • at 50 hz       0.81.1         inductive power factor with closing power of the coil       0.82         • at 50 hz       0.82         • at 60 hz       0.25         closing delay       •40 ms         • at AC       840 ms         • at AC       110 ms         • at 300 V rated value       10 A         • at 300 V rated value       1A         • at 300 V rated value       1A         • at 60V rated value       6A         • at 60V rated value       6A         • at 60V rate
• at 50 Hz     0.81.1       apparent pick-up power of magnet coil at AC     77 VA       inductive power factor with closing power of the coil     0.82       apparent holding power of magnet coil at AC     9.8 VA       inductive power factor with the holding power of the coil     0.82       apparent holding power of magnet coil at AC     9.8 VA       inductive power factor with the holding power of the coil     0.82       closing delay     9.8 VA       inductive power factor with the holding power of the coil     0.25       closing delay     0.4 16 ms       arcing time     10 10 ms       control version of the switch operating mechanism     Standard A1 - A2       Awillay clocul     1       number of NC contacts for auxiliary contacts     1       instantaneous contact     1       operational current at AC-15     1       operational current at AC-15     0.4       at 300 V rated value     10.A       e at 600 V rated value     10.A       e at 600 V rated value     1.A       e at 600 V rated value     1.A       e at 600 V rated value     1.A       e at 600 V rated value     0.A       e at 600 V rated value     0.A       e at 600 V rated value     0.A       e at 100 V rated value     0.A       e at 100
apparent pick-up power of magnet coil at AC       77 VA         inductive power factor with closing power of the coil       0.82         apparent holding power of magnet coil at AC       9.8 VA         inductive power factor with the holding power of the coil       0.82         e at 50 Hz       0.82         inductive power factor with the holding power of the coil       0.82         closing delay       0.8 VA         • at 50 Hz       0.25         closing delay       0.4 AC         • at AC       840 ms         opening delay       0.4 AC         • at AC       416 ms         arcing time       1010 ms         control version of the switch operating mechanism       Standard A1 - A2         Auxiliary circuit       1         number of NC contacts for auxiliary contacts       1         instantaneous contact       1         operational current at AC-12 maximum       10 A         operational current at AC-12       4 40         • at 300 V rated value       3 A         • at 600 V rated value       1 A         operational current at DC-12       • at 42 V rated value         • at 22 V rated value       10 A         • at 125 V rated value       1 A <td< td=""></td<>
• at 50 Hz     77 VA       Inductive power factor with closing power of the coll     0.82       apparent holding power of magnet coil at AC     9.8 VA       inductive power factor with the holding power of the coll     0.82       is at 50 Hz     0.25       closing delay     0.25       et at AC     8 40 ms       opening delay     4 16 ms       • at AC     10 10 ms       control version of the switch operating mechanism     Standard A1 - A2       Auxiliary circuit     10 10 ms       number of NC contacts for auxiliary contacts     1       instantaneous contact     1       operational current at AC-15     1       • at 200 / rated value     10 A       operational current at AC-15     1       • at 600 / rated value     10 A       operational current at AC-15     1       • at 600 / rated value     10 A       operational current at AC-15     1       • at 600 / rated value     1A       operational current at AC-15     1       • at 600 / rated value     1A       operational current at AC-15     1A       • at 600 / rated value     1A       operational current at AC-15     1A       • at 600 / rated value     1A       operational current at BC-12     1A </td
Inductive power factor with closing power of the coll       0.82         apparent holding power of magnet coll at AC       0.82         as 50 Hz       9.8 VA         Inductive power factor with the holding power of the icoli delay       0.25         closing delay       0.25         at AC       840 ms         opening delay       1010 ms         at AC       416 ms         arcing time       1010 ms         control version of the switch operating mechanism       Standard A1 - A2         Awkilary clicuit       1         number of NC contacts for auxiliary contacts       1         instantaneous contact       1         operational current at AC-12 maximum       10 A         operational current at AC-15       6         at 300 V rated value       2A         at 600 V rated value       1A         operational current at AC-15       1         et at 600 V rated value       1A         operational current at AC-15       1         et at 600 V rated value       1A         operational current at DC-12       6         et at 24 V rated value       1A         operational current at DC-13       1A         et at 220 V rated value       1A <t< td=""></t<>
• at 50 Hz     0.82       appront holding power of magnet coil at AC     9.8 VA       inductive power factor with the holding power of the coil     0.25       closing delay     0.25       closing delay     0.10 ms       • at AC     8 40 ms       opening delay     10 10 ms       • at AC     4 16 ms       arcing time     10 10 ms       control version of the switch operating mechanism     Standard A1 - A2       Awrilary circuit     1       number of NC contacts for auxiliary contacts     1       instantaneous contact     10 A       operational current at AC-12 maximum     10 A       • at 300 V rated value     3A       • at 600 V rated value     3A       • at 600 V rated value     1A       operational current at DC-12     1       • at 80 V rated value     1A       operational current at DC-12     1       • at 80 V rated value     2A       • at 80 V rated value     1A       operational current at DC-13     1       • at 80 V rated value     2A       • at 80 V rated value     1A       operational current at DC-13     1A       • at 80 V rated value     2A       • at 80 V rated value     1A       operational current at DC-13     1
apparent holding power of magnet coil at AC       9.8 VA         • at 50 Hz       9.8 VA         Inductive power factor with the holding power of the coil       0.25         • et 50 Hz       0.26         • closing delay       8 40 ms         • at AC       8 40 ms         opening delay       4 16 ms         • at AC       4 10 ms         control version of the switch operating mechanism       Standard A1 - A2         Auxiliary circuit       1         number of NC contacts for auxiliary contacts       1         instantaneous contact       1         operational current at AC-12 maximum       10 A         operational current at AC-12 maximum       10 A         operational current at AC-12 maximum       10 A         operational current at AC-12       1         • at 4300 V rated value       2 A         • at 44 V rated value       1 A         operational current at DC-12       1 A         • at 60 V rated value       6 A         • at 410 V rated value       6 A         • at 410 V rated value       6 A         • at 424 V rated value       6 A         • at 410 V rated value       7 A         • at 424 V rated value       7 A
• at 50 Hz     9.8 VA       Inductive power factor with the holding power of the coll     0.25       closing delay     • at AC       • at AC     8 40 ms       opening delay     • at AC       • at AC     4 16 ms       arcling time     10 10 ms       control version of the switch operating mechanism     Standard A1 - A2       Auxiliary circuit     1       number of NC contacts for auxiliary contacts     1       instantaneous contact     1       operational current at AC-12 maximum     10 A       • at 400 V rated value     1A       operational current at AC-12     0A       • at 24 V rated value     1A       operational current at DC-12     0A       • at 250 V rated value     1A       operational current at DC-13     1A       • at 20 V rated value     1A       operational current at DC-13     1A       • at 25 V rated value     1A       operational current at DC-1
inductive power factor with the holding power of the coll     0.25       closing delay     0.25       e at AC     8 40 ms       opening delay     10 16 ms       arcing time     10 10 ms       control version of the switch operating mechanism     Standard A1 - A2       Availary circuit     1       number of NC contacts for auxiliary contacts     1       instantaneous contact     1       number of NO contacts for auxiliary contacts     1       operational current at AC-12 maximum     10 A       operational current at AC-15     1       • at 230 V rated value     1A       • at 600 V rated value     2A       • at 600 V rated value     1A       • at 600 V rated value     1A       • at 600 V rated value     1A       • at 212 V rated value     1A       • at 220 V rated value     1A       • at 230 V rated value     1A       operational current at DC-12     0       • at 600 V rated value     1A       • at 220 V rated value     1A       • at 220 V rated value     1A       • at 220 V rated value     1A       • at 600 V rated value     1A       • at 220 V rated value     1A       • at 220 V rated value     2A       • at 220 V rated value
coling delay       0.25         closing delay       840 ms         • e1AC       840 ms         opening delay       416 ms         • e1AC       416 ms         arcing time       1010 ms         control version of the switch operating mechanism       Standard A1 - A2         Auxiliary circuit       1         number of NC contacts for auxiliary contacts       1         instantaneous contact       10 A         operational current at AC-12 maximum       10 A         operational current at AC-12 maximum       10 A         operational current at DC-12       1         • at 630 V rated value       1A         operational current at DC-12       1         • at 640 V rated value       6A         • at 600 V rated value       6A <td< td=""></td<>
• at 50 Hz     0.25       closing delay     •       • at AC     8 40 ms       opening delay     4 16 ms       • at AC     4 16 ms       arcing time     10 10 ms       control version of the switch operating mechanism     Standard A1 - A2       Auxilary circuit     number of NC contacts for auxiliary contacts     1       instantaneous contact     1       number of NC contacts for auxiliary contacts     1       instantaneous contact     10 A       operational current at AC-12 maximum     10 A       operational current at AC-15     0       • at 200 V rated value     2 A       • at 600 V rated value     2 A       • at 60 V rated value     6 A       • at 60 V rated value     6 A       • at 22 V rated value     1 A       • at 22 V rated value     1 A       • at 22 V rated value     1 A       • at 60 V rated value     2 A       • at 60 V rated value     2 A       • at 22 V rated value     1 A       • at 22 V rated value     2 A       • at 22 V rated value     3 A       • at 22 V rated value     3 A       • at 60 V rated value     3 A       • at 60 V rated value     3 A       • at 60 V rated value     3 A
closing delay     840 ms       opening delay     416 ms       arcing time     1010 ms       control version of the switch operating mechanism     Standard A1 - A2       Auxiliary circuit     1       number of NC contacts for auxiliary contacts     1       instantaneous contact     1       operational current at AC-12 maximum     10 A       operational current at AC-15     1       • at 200 V rated value     3 A       • at 600 V rated value     1 A       operational current at DC-12     1       • at 600 V rated value     6 A       • at 220 V rated value     1 A       • at 220 V rated value     2 A       • at 220 V rated value     1 A
• et AC     8 40 ms       opening delay     4 16 ms       arcing time     10 10 ms       control version of the switch operating mechanism     Standard A1 - A2       Auxiliary circuit     1       number of NC contacts for auxiliary contacts     1       instantaneous contact     1       operational current at AC-12 maximum     10 A       operational current at AC-15     1       • at 230 V rated value     10 A       • at 400 V rated value     3 A       • at 600 V rated value     10 A       • at 125 V rated value     10 A       • at 125 V rated value     10 A       • at 24 V rated value     10 A       • at 250 V rated value     10 A       • at 600 V rated value     10 A       • at 600 V rated value     10 A       • at 110 V rated value     10 A       • at 24 V rated value     10 A       • at 60 V rated value     2 A       • at 250 V rated value     2 A       • at 60 V rated value     10 A    <
opening delay     4 16 ms       arcing time     10 10 ms       control version of the switch operating mechanism     Standard A1 - A2       Auxiliary circuit     1       number of NC contacts for auxiliary contacts     1       instantaneous contact     1       operational current at AC-12 maximum     10 A       operational current at AC-15     10 A       e at 300 V rated value     3 A       e at 600 V rated value     10 A       operational current at DC-12     10 A       e at 600 V rated value     10 A       e at 800 V rated value     10 A       e at 80 V rated value     10 A       e at 400 V rated value     10 A       e at 400 V rated value     10 A       e at 80 V rated value     10 A       e at 80 V rated value     10 A       e at 220 V rated value     10 A       e at 220 V rated value     10 A       e at 60 V rated value     10 A
• at AC     4 16 ms       arcing time     10 10 ms       control version of the switch operating mechanism     Standard A1 - A2       Auxiliary circuit     1       number of NC contacts for auxiliary contacts instantaneous contact     1       operational current at AC-12 maximum     10 A       operational current at AC-15     1       • at 230 V rated value     10 A       • at 400 V rated value     3 A       • at 500 V rated value     1 A       operational current at AC-12     1 A       • at 400 V rated value     3 A       • at 400 V rated value     10 A       • at 400 V rated value     2 A       • at 400 V rated value     10 A       • at 24 V rated value     10 A       • at 250 V rated value     10 A       • at 24 V rated value     10 A       • at 250 V rated value     10 A       • at 24 V rated value     10 A       • at 10 V rated value     10 A       • at 110 V rated value     10 A       • at 250 V rated value     10 A       • at 250 V rated value     10 A       • at 250 V rated value     10 A       • at 100 V rated value     10 A       • at 100 V rated value     10 A       • at 250 V rated value     10 A       • at 600 V rated value
arcing time       10 10 ms         Control version of the switch operating mechanism       Standard A1 - A2         Auxiliary circuit       1         number of NC contacts for auxiliary contacts       1         instantaneous contact       1         operational current at AC-12 maximum       10 A         operational current at AC-15       1         e at 200 V rated value       10 A         e at 400 V rated value       2 A         e at 600 V rated value       10 A         operational current at DC-12       1         e at 600 V rated value       6 A         e at 600 V rated value       10 A         e at 20 V rated value       10 A         e at 600 V rated value       10 A         e at 20 V rated value       10 A         e at 20 V rated value       10 A         e at 600 V rated value       10 A         e at 220 V rated value       10 A         e at 220 V rated value       10 A         e at 220 V rated value       10 A         e at 600 V rated value       2 A         e at 600 V rated value       2 A         e at 60 V rated value       2 A         e at 220 V rated value       10 A         e at 220 V rated value <t< td=""></t<>
control version of the switch operating mechanism     Standard A1 - A2       Arxiliary circuit     I       number of NC contacts for auxiliary contacts     1       instantaneous contact     1       number of NO contacts for auxiliary contacts     1       instantaneous contact     1       operational current at AC-15     1       • at 230 V rated value     3A       • at 400 V rated value     2A       • at 680 V rated value     1A       operational current at DC-12     10 A       • at 680 V rated value     1A       • at 680 V rated value     10 A       • at 680 V rated value     10 A       • at 24 V rated value     10 A       • at 25 V rated value     10 A       • at 25 V rated value     1A       • at 260 V rated value     1A       • at 25 V rated value     1A       • at 25 V rated value     1A       • at 25 V rated value     1A       • at 26 V rated value     0.15 A       • operational current at DC-13     1A       • at 25 V rated value     1A       • at 25 V rated value     1A       • at 26 V rated value     0.15 A       • operational current at DC-13     1A       • at 48 V rated value     1A       • at 48 V rated value     1A   <
Auxiliary circuit         number of NC contacts for auxiliary contacts instantaneous contact       1         number of NO contacts for auxiliary contacts instantaneous contact       10 A         operational current at AC-12       10 A         • at 230 V rated value       10 A         • at 400 V rated value       2A         • at 690 V rated value       1A         operational current at DC-12       1         • at 690 V rated value       6A         • at 40 V rated value       6A         • at 40 V rated value       6A         • at 20 V rated value       1A         operational current at DC-12       1         • at 20 V rated value       6A         • at 20 V rated value       1A         operational current at DC-12       10 A         • at 20 V rated value       6A         • at 20 V rated value       1A         • at 20 V rated value       0.15 A         operational current at DC-13       10 A         • at 40 V rated value       2A         • at 20 V rated value       1A
number of NC contacts for auxiliary contacts instantaneous contact       1         number of NO contacts for auxiliary contacts instantaneous contact       1         operational current at AC-12 maximum       10 A         operational current at AC-15       10 A         • at 230 V rated value       3 A         • at 690 V rated value       2 A         • at 690 V rated value       10 A         operational current at DC-12       1         • at 48 V rated value       10 A         • at 24 V rated value       6 A         • at 48 V rated value       6 A         • at 10 V rated value       10 A         • at 24 V rated value       10 A         • at 24 V rated value       10 A         • at 24 V rated value       10 A         • at 25 V rated value       10 A         • at 20 V rated value       2 A         • at 20 V rated value       1 A         operational current at DC-13       0.15 A         operational current at 20 C-13       0.15 A         • at 24 V rated value       10 A         • at 20 V rated value       10 A         • at 20 V rated value       0.1 A         • at 20 V rated value       0.3 A         • at 20 V rated value       0.1 A
instantaneous contact       1         number of NO contacts for auxiliary contacts       1         operational current at AC-12       10 A         operational current at AC-15       10 A         • at 200 V rated value       3 A         • at 500 V rated value       2 A         • at 690 V rated value       10 A         operational current at DC-12
number of NO contacts for auxiliary contacts       1         instantaneous contact       10 A         operational current at AC-12 maximum       10 A         operational current at AC-15       10 A         • at 230 V rated value       3 A         • at 690 V rated value       1 A         operational current at DC-12       1 A         • at 690 V rated value       6 A         • at 48 V rated value       6 A         • at 690 V rated value       1 A         operational current at DC-12
instantaneous contact     0perational current at AC-12 maximum     10 A       operational current at AC-15     10 A       • at 230 V rated value     3 A       • at 500 V rated value     2 A       • at 690 V rated value     10 A       • operational current at DC-12
operational current at AC-15• at 230 V rated value10 A• at 400 V rated value3 A• at 500 V rated value2 A• at 690 V rated value1 Aoperational current at DC-12
operational current at AC-15• at 230 V rated value10 A• at 400 V rated value3 A• at 600 V rated value1 Aoperational current at DC-12• at 24 V rated value10 A• at 24 V rated value6 A• at 60 V rated value3 A• at 24 V rated value6 A• at 10 V rated value2 A• at 220 V rated value3 A• at 220 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value2 A• at 25 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-132 A• at 60 V rated value2 A• at 24 V rated value0.15 Aoperational current at DC-1310 A• at 25 V rated value2 A• at 20 V rated value1 A• at 60 V rated value2 A• at 210 V rated value2 A• at 60 V rated value1 A• at 220 V rated value0.1 A• at 220 V rated value0.1 A• at 600 V rated value1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratings1 faulty switching per 100 million (17 V, 1 mA)UL/CSA rated value27 A
• at 230 V rated value10 A• at 400 V rated value3 A• at 500 V rated value2 A• at 690 V rated value1 Aoperational current at DC-12
e at 500 V rated value2 A• at 690 V rated value1 Aoperational current at DC-1210 A• at 24 V rated value6 A• at 48 V rated value6 A• at 60 V rated value6 A• at 10 V rated value3 A• at 125 V rated value1 A• at 220 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value0.15 Aoperational current at DC-132 A• at 24 V rated value10 A• at 24 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value2 A• at 25 V rated value10 A• at 26 O V rated value2 A• at 27 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value10 A• at 25 V rated value2 A• at 26 V rated value2 A• at 27 V rated value0.9 A• at 28 V rated value0.15 A• at 20 V rated value0.1 A• at 60 V rated value0.1 A• at 60 V rated value0.1 A• at 60 V rated value0.1 A• at 480 V rated value1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratings1 faulty switching per 100 million (17 V, 1 mA)
e at 500 V rated value2 A• at 690 V rated value1 Aoperational current at DC-1210 A• at 24 V rated value6 A• at 48 V rated value6 A• at 60 V rated value6 A• at 10 V rated value3 A• at 125 V rated value1 A• at 220 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value0.15 Aoperational current at DC-132 A• at 24 V rated value10 A• at 24 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value2 A• at 25 V rated value10 A• at 26 O V rated value2 A• at 27 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value10 A• at 25 V rated value2 A• at 26 V rated value2 A• at 27 V rated value0.9 A• at 28 V rated value0.15 A• at 20 V rated value0.1 A• at 60 V rated value0.1 A• at 60 V rated value0.1 A• at 60 V rated value0.1 A• at 480 V rated value1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratings1 faulty switching per 100 million (17 V, 1 mA)
• at 690 V rated value1 Aoperational current at DC-1210 A• at 24 V rated value10 A• at 48 V rated value6 A• at 60 V rated value6 A• at 10 V rated value3 A• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value2 A• at 60 V rated value10 A• at 60 V rated value0.15 Aoperational current at DC-130.15 A• at 24 V rated value10 A• at 25 V rated value2 A• at 60 V rated value2 A• at 20 V rated value0.15 Aoperational current at DC-130.10 A• at 24 V rated value2 A• at 60 V rated value2 A• at 60 V rated value2 A• at 60 V rated value0.1 A• at 220 V rated value0.1 A• contact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratings1 faulty switching per 100 million (17 V, 1 mA)
operational current at DC-1210 A• at 24 V rated value6 A• at 48 V rated value6 A• at 60 V rated value3 A• at 110 V rated value2 A• at 22 V rated value1 A• at 20 V rated value0.15 Aoperational current at DC-1310 A• at 48 V rated value2 A• at 48 V rated value2 A• at 24 V rated value2 A• at 48 V rated value10 A• at 48 V rated value2 A• at 48 V rated value2 A• at 60 V rated value1 A• at 60 V rated value2 A• at 60 V rated value1 A• at 110 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 A• at 600 V rated value1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratings1 faulty switching per 100 million (17 V, 1 mA)
• at 24 V rated value10 A• at 48 V rated value6 A• at 60 V rated value6 A• at 110 V rated value3 A• at 125 V rated value2 A• at 220 V rated value0.15 Aoperational current at DC-130 A• at 24 V rated value10 A• at 48 V rated value2 A• at 25 V rated value0.15 Aoperational current at DC-130 A• at 24 V rated value2 A• at 25 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 110 V rated value0.9 A• at 25 V rated value0.3 A• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratings1full-load current (FLA) for 3-phase AC motor27 A
• at 48 V rated value6 A• at 60 V rated value6 A• at 110 V rated value3 A• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value2 A• at 48 V rated value2 A• at 60 V rated value10 A• at 48 V rated value2 A• at 60 V rated value1 A• at 60 V rated value0.9 A• at 125 V rated value0.3 A• at 600 V rated value0.1 A• at 600 V rated value1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratings1 faulty switching per 100 million (17 V, 1 mA)
• at 60 V rated value6 A• at 110 V rated value3 A• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-130.15 A• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 60 V rated value2 A• at 60 V rated value2 A• at 10 V rated value1 A• at 25 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 AContact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsfull-load current (FLA) for 3-phase AC motor • at 480 V rated value27 A
• at 110 V rated value3 A• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-13
• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 60 V rated value0.9 A• at 110 V rated value0.9 A• at 220 V rated value0.1 A• at 600 V rated value1.1 A• at 220 V rated value0.1 A• at 600 V rated value0.1 A• at 600 V rated value2.7 A
<ul> <li>at 220 V rated value</li> <li>at 220 V rated value</li> <li>at 600 V rated value</li> <li>0.15 A</li> <li>operational current at DC-13 <ul> <li>at 24 V rated value</li> <li>at 48 V rated value</li> <li>at 60 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> <li>2 A</li> <li>at 110 V rated value</li> <li>1 A</li> <li>at 125 V rated value</li> <li>0.9 A</li> <li>at 220 V rated value</li> <li>0.3 A</li> <li>at 600 V rated value</li> <li>0.1 A</li> </ul> </li> <li>contact reliability of auxiliary contacts</li> <li>full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>27 A</li> </ul> </li> </ul>
• at 600 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 10 V rated value1 A• at 125 V rated value0.9 A• at 600 V rated value0.15 A• at 600 V rated value0.15 A• at 125 V rated value1 A• at 220 V rated value0.1 A• at 600 V rated value0.1 A• at 600 V rated value1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsfull-load current (FLA) for 3-phase AC motor • at 480 V rated value27 A
operational current at DC-1310 A• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 110 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value27 A
• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 10 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value27 A
• at 48 V rated value2 A• at 60 V rated value2 A• at 110 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value27 A
• at 60 V rated value2 A• at 110 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsfull-load current (FLA) for 3-phase AC motor • at 480 V rated value27 A
<ul> <li>at 110 V rated value</li> <li>at 125 V rated value</li> <li>at 125 V rated value</li> <li>at 220 V rated value</li> <li>at 600 V rated value</li> <li>0.1 A</li> <li>contact reliability of auxiliary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>27 A</li> </ul> </li> </ul>
• at 125 V rated value       0.9 A         • at 220 V rated value       0.3 A         • at 600 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       1         full-load current (FLA) for 3-phase AC motor       27 A
• at 220 V rated value     0.3 A       • at 600 V rated value     0.1 A       contact reliability of auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mA)       UL/CSA ratings     1       full-load current (FLA) for 3-phase AC motor     27 A
• at 600 V rated value     0.1 A       contact reliability of auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mA)       UL/CSA ratings        full-load current (FLA) for 3-phase AC motor     27 A
contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       27 A
UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 27 A
full-load current (FLA) for 3-phase AC motor       • at 480 V rated value       27 A
• at 480 V rated value 27 A
at 600 V rated value     27 A
yielded mechanical performance [hp]
for single-phase AC motor
— at 110/120 V rated value 2 hp
at 200 V rated value
<ul> <li>— at 230 V rated value</li> <li>5 hp</li> <li>for 3-phase AC motor</li> </ul>

- at 200208 V rated value         10 hp         - at 460488 V rated value         20 hp         - at 460488 V rated value         25 hp         Contact rating of auxiliary contacts according to UL         4600 / P800         - Mood         - of stort-focial protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         - work type of assignment 2 required         - forwards         - dom wards         - forwards         - dom wards         - forwards         - dom wards         - dom wards         - dom wards         - dom wards         - of rauellary and corted incurrent crout         - work the is ide         - of readial cornection         - ended         - ended cord for auxillary contacts         - forwards         - forwards         - of reaguired         - forwards         - of reaguired         - fo						
<ul> <li>at 450480 V rated value</li> <li>20 hp</li> <li>contact rating of axillary contacts according to UL</li> <li>A600 / P800</li> <li>Short-Circuit protection</li> <li>design of the fase link</li> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>disv. 25A (890V, 100KA), abl: 50A (690V, 100KA), BS88: 125A (415V, 30KA)</li> <li>or short-circuit protection of the axillary switch required</li> <li>for short-circuit protection of the axillary switch required</li> <li>able by side mounting</li> <li>or short-circuit protection of the axillary switch required</li> <li>able by side mounting</li> <li>or short-circuit protection of the axillary switch required</li> <li>able by side mounting</li> <li>able by side mounting</li> <li>able by side mounting</li> <li>visit bit bit bit bit bit bit bit bit bit b</li></ul>	— at 200/208 V rated value	10 hp				
contact rating of auxiliary contacts according to UL         A600 / P600           Short-circuit protection of the main circuit						
Short-circuit protection           design of the fuse link                - with type of coordination 1 required - with type of coordination 1 required - with type of assignment 2 required - side-by-side mounting - forwards - forwards - forwards - forwards - forwards - downwards - forwards - forwards - downwards - forwards - forwareno control circuit - solid						
design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         - with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required         • for short-circuit protection of the auxiliary switch required         mounting position         * for short-circuit protection of the auxiliary switch required         mounting position         * side-by-side mounting         * side       0 mm         - upwards       10 mm         - upwards       10 mm         - downwards       10 mm         - forwards       10 mm         - forwards       10 mm <td< td=""><td></td><td>A600 / P600</td></td<>		A600 / P600				
for short-circuit protection of the main circuit         —with type of coordination 1 required         —with type of assignment 2 required         —with type of assignment 2 required         —with type of assignment 2 required         —sold cost of the auxiliary switch         required         —for short-circuit protection of the auxiliary switch         required         —sold cost of the main field of the main circuit         —with type of assignment 2 required         —with type of assignment 2 required         —with type of assignment 2 required         —sold cost of the main circuit         —with type of assignment 2 required         —with type of assignment 2 required         —for short-circuit protection of the auxiliary switch         required         —for short-circuit protection of the auxiliary switch         —for short-circuit protection of the auxiliary switch         —forwards						
- with type of coordination 1 required (15:V300-A), alt: 50A (690V, 100KA), BSB8: 125A (415V, 800-A) (50 V, 100KA), alt: 50A (690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), alt: 50A (690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), alt: 50A (690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), alt: 50A (690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), alt: 50A (690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), alt: 50A (690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), BSB8: 50A (415V, 800-A) (50 SC) (50 K 690V, 100KA), BSB8: 50A (415V, 800-A) (50 K 690V, 100KA), BSB8: 50A (415V, 8	0					
- with type of assignment 2 required       (415V.30kA)         - for short-drout protection of the auxiliary switch required       (G: 50A (690V, 100kA), AN: 25A (690V, 100kA), BS88: 50A (415V, 80kA)         Installation/ mounting / dimensions       (G: 10 A (500 V, 1 kA))         mounting position       +(-180* rotation possible on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting surface; can be tilted forward and backward by +(-22.5° on wortical mounting rule according to DIN EN 60715         * eside-by-side mounting       - forwards       10 mm         - of the side       0 mm       - forwards       10 mm         - of onwards       10 mm       - forwards       10 mm         - of onwards       10 mm       - forwards       10 mm         - ownwards       10 mm       - forwards       10 mm         - ownwards       10 mm       - forwards <td< td=""><td></td><td>aC: 1254 (600)/ 100k4) aM: 504 (600)/ 100k4) BS89: 1254</td></td<>		aC: 1254 (600)/ 100k4) aM: 504 (600)/ 100k4) BS89: 1254				
• for short-circuit protection of the auxiliary switch required     gG: 10 A (500 V, 1 KA)       Installation/ mounting/ dimensions     +/-180" rotation possible on vertical mounting surface; can be titled forward and backward by +/- 2.25" on vertical mounting surface;       fastening method     +/-180" rotation possible on vertical mounting surface;       • side-by-side mounting     Yes       height     45 mm       dopth     97 mm       required spacing     97 mm       • with side-by-side mounting     0 mm       - dowards     10 mm       - dowards     10 mm       - at the side     0 mm       - downwards     10 mm       - at the side     0 mm       - downwards     10 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - for auxiliary and contot circuit     screw-type terminals <td></td> <td></td>						
Installation/mounting/dimensions         mounting position       +/-180* rotation possible on vertical mounting surface; can be tilted forward by 4/-22.5" on vertical mounting surface; can be tilted forward by 4/-22.5" on vertical mounting ratil according to DIN EN 60715         * side-by-side mounting       Yes         height       85 mm         width       45 mm         depth       97 mm         required spacing       0 mm         - forwards       10 mm         - downwards       10 mm         - fore lactor for auxiliary and control circuit       screw-t	— with type of assignment 2 required					
mounting position         +/-100° rotation possible on vertical mounting surface: can be tilled fraver and backward and backward by +/-22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DN EN 60715           • side-by-side mounting         Yes           height         85 mm           width         45 mm           doptin         97 mm           required spacing         •           • with side-by-side mounting         -           - downwards         10 mm           - upwards         10 mm           - downwards         10 mm           - downwards         10 mm           - orwards         10 mm           - forwards         10 mm           - downwards         10 mm           - for auxiliary and control circuit         screw-type terminals           for auxiliary and control circuit         screw-type terminals           for auxili		gG: 10 A (500 V, 1 kA)				
forward and backward by 4+ 22.6° on vertical mounting surface           fastening method         screw and sange-on mounting onto 36 mm standard mounting rail according to DIN EN 60715           • side-by-side mounting         Yes           height         95 mm           width         45 mm           depth         97 mm           required spacing         97 mm           • with side-by-side mounting         -           - upwards         10 mm           - upwards         10 mm           - downwards         0 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - upwards         10 mm           - for wards         10 mm           - upwards         10 mm           - for wards         10 mm           - for wards         10 mm           - for wards         10 mm           - downwards         10 mm           - for live parts         -           - for wards         10 mm           - downwards         10 mm           - for wards         10 mm           - for a wards         10 mm           - for wards         10 mm	Installation/ mounting/ dimensions					
• side-by-side mounting       Yes         height       85 mm         with       45 mm         depth       97 mm         required spacing       97 mm         • with side-by-side mounting       10 mm         - upwards       10 mm         - upwards       10 mm         - upwards       10 mm         - downwards       0 mm         - for grounded parts       0 mm         - forwards       10 mm         - at the side       6 mm         - downwards       10 mm         - of orbit parts       10 mm         - for law acting vontacts       screw-type terminals         scontactor for auxiliar	mounting position					
height       86 mm         width       45 mm         depth       97 mm         required spacing       97 mm         • with side-by-side mounting       10 mm         - lorwards       10 mm         - upwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         - downwards       10 mm         - for law caiter       6 mm	fastening method					
width         45 mm           depth         97 mm           required spacing         97 mm           • with side-by-side mounting         97 mm           - forwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - at the side         0 mm           - forwards         10 mm           - upwards         10 mm           - at the side         0 mm           - downwards         10 mm           - downwards <t< td=""><td><ul> <li>side-by-side mounting</li> </ul></td><td>Yes</td></t<>	<ul> <li>side-by-side mounting</li> </ul>	Yes				
depth         97 mm           required spacing         97 mm           • with side-by-side mounting         10 mm           - upwards         10 mm           - upwards         10 mm           - downwards         10 mm           - at the side         0 mm           - torvards         10 mm           - at the side         0 mm           - torvards         10 mm           - upwards         10 mm           - upwards         10 mm           - downwards         10 mm           - downards         10 mm           - downards	height	85 mm				
required spacing         • with side-by-side mounting         forwards       10 mm         upwards       10 mm         downwards       0 mm         downwards       0 mm         downwards       10 mm         downwards       10 mm         forwards       10 mm         forwards       10 mm         upwards       10 mm         upwards       10 mm         downwards       10 mm         solid cortrol circuit       screw-type terminals         of magnet coil       2x (1 2.5 mm <sup>2</sup>	width	45 mm				
• with side-by-side mounting       10 mm         - forwards       10 mm         - upwards       10 mm         - at the side       0 mm         • for grounded parts       0 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       screw-type terminals         it contacts       screw-type terminals         i of magnet coil <td>depth</td> <td>97 mm</td>	depth	97 mm				
	required spacing					
	<ul> <li>with side-by-side mounting</li> </ul>					
- downwards       10 mm         - at the side       0 mm         • for grounded parts       0 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       10 mm         e of rain current circuit       screw-type terminals         soft or auxiliary and control circuit       screw-type terminals         e of magnet coil       2x (1 2.5 mm²), 2x (2.5 10 mm²)         type of connectable conductor cross-sections       6 for main contacts         - solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid estranded       1 10 mm² <t< td=""><td>— forwards</td><td>10 mm</td></t<>	— forwards	10 mm				
at the side       0 mm         • for grounded parts       -         forwards       10 mm         upwards       10 mm         at the side       6 mm         downwards       10 mm         downwards       10 mm         forwards       10 mm         forwards       10 mm         upwards       10 mm         upwards       10 mm         downwards       10 mm         at the side       6 mm         Connections/ Terminals       10 mm         at the side       6 mm         Connections / Terminals       screw-type terminals         of magnet coll       screw-type terminals         of magnet coll       Screw-type terminals         of on main contacts       Screw-type terminals         of magnet coll       Screw-type terminals         of or main contacts       Screw-type terminals         - solid       2x (1 2.5 mm <sup>2</sup> ). 2x (2.5 10 mm <sup>2</sup> )         - solid or straned       2x (1 2.5 mm <sup>2</sup> ). 2x (2.5 10 mm <sup>2</sup> )         - finely stranded with core end processing       2x (1 2.5 mm <sup>2</sup> ). 2x (2.5 10 mm <sup>2</sup> )         - solid or straned       1 10 mm <sup>2</sup> - solid or straned	— upwards	10 mm				
• for grounded parts       10 mm         - upwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         • for live parts       10 mm         - forwards       10 mm         - downwards       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       screw-type terminals         type of electrical connection       screw-type terminals         • for main contracts       Screw-type terminals         • of majne contacts       Screw-type terminals         • of main contacts       2x (1 2.5 mm <sup>3</sup> ), 2x (2.5 10 mm <sup>3</sup> )         - solid       2x (1 2.5 mm <sup>3</sup> ), 2x (2.5 10 mm <sup>3</sup> )         - solid or stranded       2x (1 2.5 mm <sup>3</sup> ), 2x (2.5 6 mm <sup>3</sup> ), 1	— downwards	10 mm				
		0 mm				
- at the side6 mm- downwards10 mm• for live parts10 mm- upwards10 mm- upwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- at the side6 mmConnections/Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• of magnet coilScrew-type terminals• solid or stranded $2x (1 2.5 mm^2), 2x (2.5 10 mm^2)$ - solid or stranded $2x (1 2.5 mm^2), 2x (2.5 10 mm^2)$ - solid or stranded $2x (1 2.5 mm^2), 2x (2.5 10 mm^2)$ • solid or stranded $1 10 mm^2$ • solid or stranded $1 10 mm^2$ • solid $1 10 mm^2$ • solid $1 10 mm^2$ • finely stranded with core end processing $1 10 mm^2$ • solid or stranded $0.5 2.5 mm^2$ • solid or stranded $0.5 2.5 mm^2$	— forwards	10 mm				
downwards       10 mm         • for live parts       10 mm         forwards       10 mm         upwards       10 mm         downwards       10 mm         at the side       6 mm         Connections/ Terminals         type of electrical connection         • for main current circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       • for main contacts         • for main contacts       Screw-type terminals         • for stranded       2x (1 2.5 mm <sup>3</sup> ), 2x (2.5 10 mm <sup>3</sup> )         - solid       2x (1 2.5 mm <sup>3</sup> ), 2x (2.5 10 mm <sup>3</sup> )         - finely stranded with core end processing       2x (16 12), 2x (14 8)         connectable conductor cross-section for main contacts       2x (16 12), 2x (14 8)         connectable conductor cross-section for auxiliary contacts       1 10 mm <sup>2</sup> •	— upwards	10 mm				
<ul> <li>for live parts         <ul> <li>forwards</li> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>mm</li> </ul> </li> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> </ul> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>for auxiliary and control circuit</li> <li>screw-type terminals</li> <li>screw-type terminals</li> <li>of magnet coil</li> <li>by of connectable conductor cross-sections         <ul> <li>of main contacts</li> <li>a solid or stranded</li> <li>down stranded with core end processing</li> <li>a solid</li> <li>solid</li> <li>solid</li> <li>stranded</li> <li>mom</li> <li>finely stranded with core end processing</li> <li>solid</li> <li>solid</li> <li>solid</li> <li>stranded</li> <li>mom</li> <li>stranded</li> <li>mom</li> <li>finely stranded with core end processing</li> <li>solid or stranded</li> <li>mom</li> <li>finely stranded with core end processing</li> <li>solid or stranded</li> <li>mom</li> <li>finely stranded with core end processing</li> <li>solid or stranded</li> <li>mom</li> <li>finely stranded with core end processing</li> <li>solid or stranded</li> <li></li></ul></li>						
forwards       10 mm         upwards       10 mm         downwards       10 mm         at the side       6 mm         Connections/Terminals       6 mm         type of electrical connection       6 reminals         • for main current circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       • for main contracts         - solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • at AWG cables for main contacts       2x (16 12), 2x (14 8)         connectable conductor cross-section for main contacts       2x (16 12), 2x (14 8)         connectable conductor cross-section for main contacts       1 10 mm²         • solid       1 10 mm²         • finely stranded with core end processing       1 10 mm²         • solid or stranded       1 10 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • s		10 mm				
upwards       10 mm        downwards       10 mm						
- downwards       10 mm         - at the side       6 mm         Connections/ Terminals       5 mm         type of electrical connection       screw-type terminals         • for main current circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       Screw-type terminals         • for main contacts       - solid         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • at AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • at AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • at AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • at AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • solid       1 10 mm²         • solid       1 10 mm²         • solid       1 10 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded with core end processing       0.5 2.5 mm²						
at the side       6 mm         Connections/ Terminals         type of electrical connection       screw-type terminals         • for main current circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       • for main contacts         - solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • at AWG cables for main contacts       2x (1 (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • at AWG cables for main contacts       2x (1 (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • solid       1 10 mm²         • solid       1 10 mm²         • solid       1 10 mm²         • solid or stranded       1 10 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²						
Connections/ Terminals         type of electrical connection         • for main current circuit         • for auxiliary and control circuit         • at contactor for auxiliary contacts         • of magnet coil         Screw-type terminals         • of main contacts         - solid         2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded         2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing         2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • at AWG cables for main contacts         2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • at AWG cables for main contacts         2x (1 2.5 mm²), 2x (14 8)         connectable conductor cross-section for main contacts         • solid       1 10 mm²         • solid       1 10 mm²         • finely stranded with core end processing       1 10 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²						
type of electrical connection       screw-type terminals         • for main current circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       Screw-type terminals         • for main contacts       - solid         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • at AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • at AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • solid       1 10 mm²         • solid or stranded       1 10 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²		6 mm				
• for main current circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       Screw-type terminals         • for main contacts       - solid         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • at AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • at AWG cables for main contacts       2x (1 2.5 mm²), 2x (14 8)         connectable conductor cross-section for main contacts       2x (1 10 mm²         • solid       1 10 mm²         • solid       1 10 mm²         • stranded       1 10 mm²         • finely stranded with core end processing       1 10 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²						
• for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       Screw-type terminals         • for main contacts       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • at AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • solid       1 10 mm²         • solid       1 10 mm²         • solid       1 10 mm²         • solid or stranded       1 10 mm²         • stranded       1 10 mm²         • finely stranded with core end processing       1 10 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²		correu turce terminale				
<ul> <li>at contactor for auxiliary contacts</li> <li>of magnet coil</li> <li>Screw-type terminals</li> <li>Screw-type termina</li></ul>						
• of magnet coilScrew-type terminalstype of connectable conductor cross-sectionsScrew-type terminals• for main contacts- solid- solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• solid1 12), 2x (14 8)connectable conductor cross-section for main contacts1 10 mm²• solid1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 2.5 mm²						
type of connectable conductor cross-sections• for main contacts- solid- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (14 8)connectable conductor cross-section for main contacts• solid1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²• solid or stranded• solid or stranded• solid or stranded• solid or stranded0.5 2.5 mm²• solid or stranded0.5 2.5 mm²	-					
<ul> <li>for main contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>2x (1 2.5 mm<sup>2</sup>), 2x (2.5 10 mm<sup>2</sup>)</li> <li>solid or stranded</li> <li>2x (1 2.5 mm<sup>2</sup>), 2x (2.5 10 mm<sup>2</sup>)</li> <li>finely stranded with core end processing</li> <li>2x (1 2.5 mm<sup>2</sup>), 2x (2.5 6 mm<sup>2</sup>), 1x 10 mm<sup>2</sup></li> </ul> </li> <li>at AWG cables for main contacts</li> <li>2x (1 2.5 mm<sup>2</sup>), 2x (2.5 6 mm<sup>2</sup>), 1x 10 mm<sup>2</sup></li> <li>at AWG cables for main contacts</li> <li>2x (1 12), 2x (14 8)</li> <li>connectable conductor cross-section for main contacts</li> <li>solid</li> <li>1 10 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>1 10 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>solid or stranded</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>0.5 2.5 mm<sup>2</sup></li> </ul>						
solid2x (1 2.5 mm²), 2x (2.5 10 mm²) solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²) finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (14 8)connectable conductor cross-section for main contacts1 10 mm²• solid1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²connectable conductor cross-section for auxiliary contacts0.5 2.5 mm²• solid or stranded0.5 2.5 mm²						
solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²) finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• at AWG cables for main contacts2x (1 2.5 mm²), 2x (14 8)connectable conductor cross-section for main contacts1 10 mm²• solid1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²connectable conductor cross-section for auxiliary contacts0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²		$2x (1 - 2.5 \text{ mm}^2) 2x (2.5 - 10 \text{ mm}^2)$				
finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • at AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         connectable conductor cross-section for main contacts       1 10, 2x (14 8)         • solid       1 10 mm²         • stranded       1 10 mm²         • finely stranded with core end processing       1 10 mm²         • finely stranded with core end processing       1 10 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²						
• at AWG cables for main contacts       2x (16 12), 2x (14 8)         connectable conductor cross-section for main contacts       1 10 mm²         • solid       1 10 mm²         • stranded       1 10 mm²         • finely stranded with core end processing       1 10 mm²         connectable conductor cross-section for auxiliary contacts       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²						
connectable conductor cross-section for main contacts       1         • solid       1         • solid       1         • stranded       1         • finely stranded with core end processing       1         connectable conductor cross-section for auxiliary contacts       1         • solid or stranded       0.5         • finely stranded with core end processing       0.5						
<ul> <li>solid</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>1 10 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>1 10 mm<sup>2</sup></li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>of 5 2.5 mm<sup>2</sup></li> <li>0.5 2.5 mm<sup>2</sup></li> </ul>	connectable conductor cross-section for main	,,,,				
• stranded         1 10 mm²           • finely stranded with core end processing         1 10 mm²           connectable conductor cross-section for auxiliary contacts         0.5 2.5 mm²           • solid or stranded         0.5 2.5 mm²           • finely stranded with core end processing         0.5 2.5 mm²		1 10 mm²				
connectable conductor cross-section for auxiliary contacts       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²						
• finely stranded with core end processing 0.5 2.5 mm <sup>2</sup>	connectable conductor cross-section for auxiliary					
	solid or stranded	0.5 2.5 mm <sup>2</sup>				
	<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm <sup>2</sup>				

<ul> <li>for auxiliary con</li> </ul>	tacts					
— solid or stranded			2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)			
— finely stranded with core end processing		2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )				
<ul> <li>at AWG cables for auxiliary contacts</li> </ul>		2x (20 16), 2x (18 14)				
AWG number as coded connectable conductor cross section			. ,			
<ul> <li>for main contact</li> </ul>	ts		16 8			
<ul> <li>for auxiliary con</li> </ul>	tacts		20 14			
Safety related data						
product function		·				
	ccording to IEC 60947-	4-1	Yes			
	emand rate according t		450 000			
proportion of dange						
	d rate according to SN	31920	40 %			
	nd rate according to SN		73 %			
failure rate [FIT] with I	ow demand rate accord		100 FIT			
	t interval or service life	according to	20 y			
IEC 61508 protection class IP of	on the front according	to IEC	IP20			
60529	_					
	the front according to	IEC 60529	finger-safe, for	vertical contac	t from the front	
suitability for use						
<ul> <li>safety-related s</li> </ul>	-		Yes			
Certificates/ approvals	S					
CSA	ccc			UL		
EMC	Functional Safety/Safety of Machinery	Declaration of Conformity			Test Certificates	
RCM	<u>Type Examination</u> <u>Certificate</u>	<u>UK Declaratic</u> <u>Conformit</u>	<b>∠</b> (	G-Konf.	<u>Type Test Certific-</u> ates/Test Report	Special Test Certific- ate
Marine / Shipping						
ABS	BUREAU VERITAS		Re	lovd's gister us	RINA	RMRS
other						
<u>Confirmation</u>	UDE VDE	<u>Confirmatic</u>	<u>n</u>			
Further information	wnloadcenter (Catalog	ns Brochuras	\ \			

Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10

## Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2027-1AF00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2027-1AF00

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RT2027-1AF00

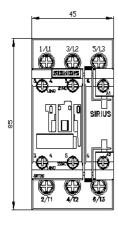
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <u>http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2027-1AF00&lang=en</u>

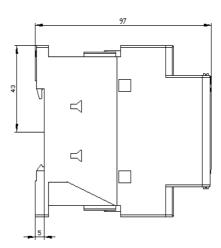
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

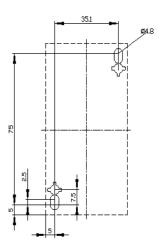
https://support.industry.siemens.com/cs/ww/en/ps/3RT2027-1AF00/char

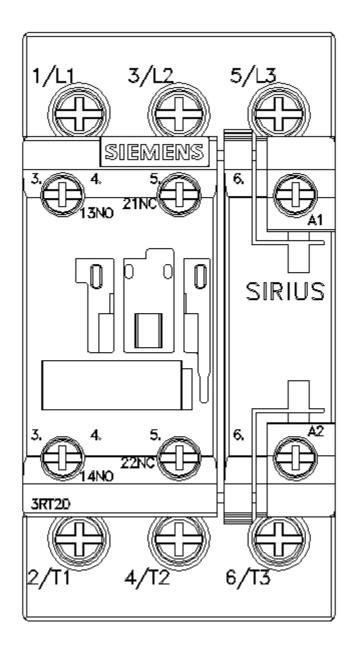
Further characteristics (e.g. electrical endurance, switching frequency)

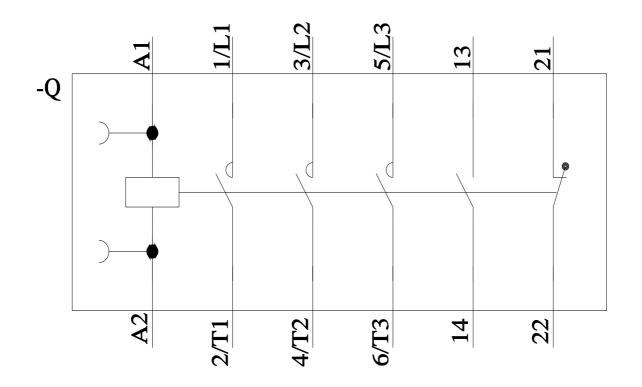
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2027-1AF00&objecttype=14&gridview=view1











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